

ABSTRACT

A transformer comprises a rectangular insulative housing, a plurality of inductive coils received in the insulative housing, and a plurality of soldering tails. The insulative housing includes a bottom wall and four sidewalls, and forms a plurality of partitions therein for receiving the inductive coils. Each inductive coil has a first wire and a second wire. The soldering tails are provided at two opposing sidewalls of the insulative housing. Each soldering tail has a soldering end at exterior of the insulative housing for electrically connecting with a PCB of a communication connector, and a wiring end at interior of the insulative housing for connecting with the first wire and the second wire of the inductive coils. The transformer is modularly produced, and is tested before it is assembled to a communication connector. Thus the manufacture process is flexible and the communication connector provides stable signal transmission.